

Attachment 9 describes Sacramento Central Groundwater Authority's performance over the last five years in doing similar work as described in this Local Groundwater Assistance grant proposal.

Sacramento Central Groundwater Authority (SCGA) has experience not only with the Department of Water Resources' (DWR) Local Groundwater Assistance (LGA) grant program, but also with performing hydrogeologic analyses comparable to that in this proposal, and in implementing the Central Sacramento County Groundwater Management Plan (CSCGMP) that is the basis for this proposed project.

9.1 Previous LGA Grant

SCGA received a \$249,964 LGA grant during the last round of grants, Fiscal Year 2007-2008. That grant supported the completion of a project titled "Comprehensive Update of Sacramento Central Groundwater Authority's Data Management System."

The project was completed on budget in December 2010, prior to the agreement expiration date of May 15, 2011. The updated Data Management System, now named the HydroDMS, is available online. User names and passwords were provided to SCGA staff and member agencies, as well as to DWR staff. A technical report was developed: *Comprehensive Update of Sacramento Central Groundwater Authority's Data Management System – An AB303 Project Report*. The HydroDMS is now used to support groundwater management within SCGA and the Sacramento Groundwater Authority (SGA) and its member agencies.

According to the LGA Grant Performance Evaluation, SCGA fulfilled all requirements of the LGA grant agreement. The evaluation, included in this attachment, further indicated that "the overall performance of the project was adequate comparing to the quantity of work performed versus that proposed in the original scope."

9.2 Previous Hydrogeologic Analyses

Technical staff for the SCGA are provided by Sacramento County Water Agency (SCWA). SCWA has significant experience in handling projects similar in size and nature to the proposed project. Each of the projects listed below had specific well defined tasks, an established budget, and a fixed timeline for completion. Each project was completed on-time and on-budget. These projects include:

- Update to the SacIWRM to revise Existing Conditions and Future Conditions Baselines, including well locations, groundwater production, surface water diversions, recycled water use, and groundwater remediation
- Update to the HydroDMS to incorporate more refined user permissions
- Development of the 2010 SCWA *Zone 41 Urban Water Management Plan*
- Development of the 2006 *Water System Improvement Plan*

Additionally, SCGA has had very small turnover in staff since inception of the agency in 2006. The staff have been involved in the development of the critical prerequisites for the successful completion of this project, including:

- Development of the Central Sacramento County Groundwater Management Plan (CSCGMP), including the appendix describing the methodology for developing the water level BMO
- Ongoing development and refinement of the SacIWRM
- Development and maintenance of the HydroDMS
- Other hydrogeologic analyses, including supporting a pilot recharge project in a former quarry

9.3 Recent Groundwater Management Activities

SCGA has made significant progress in managing the basin through the CSCGMP. Focusing on activities since 2009, SCGA has advanced groundwater management in five major areas:

- Ongoing public outreach
- Completing updates to and permissions for HydroDMS (see description above), SCGA's web-enabled data management system
- Developing a Well Protection Plan, a program designed to protect owners of private domestic wells and agricultural wells from being damaged as a result of increased groundwater pumping necessary to support future growth in the basin
- Developing agricultural/agriculture residential water conservation best management practices (BMPs)
- Performing modeling using SacIWRM for the mitigation and remediation of contaminated groundwater
- Completing CASGEM requirements

9.4 Consultant Team Past Performance

Finally, the consultant team, RMC and HydroFocus, have performed numerous similar hydrogeologic projects, including:

- Update and Refinement of SacIWRM, which included refinement of the model grid and updates of the baselines
- South Sacramento County Recycled Water Recharge Project, which included a study of the ability to recharge groundwater near the Cosumnes River
- Several stable isotope projects
- Development and maintenance of the HydroDMS
- Development of BMOs for the South Westside Basin, Riverside Basin, and Arlington Basin

In addition RMC has successfully completed numerous LGA grant-funded projects for clients such as San Bruno, Sacramento Groundwater Authority, Lower Kings Basin, and others.